

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Palmer Oil & Gas Company - ~~Energy Increments, Inc.~~

3. ADDRESS OF OPERATOR

P. O. Box 2564, Billings, Montana 59103

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface 1350 815
1375' FNL, 800' FWL
At proposed prod. zone
Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approximately 30 miles Northwest of Mack, Colorado

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

800'

16. NO. OF ACRES IN LEASE

952.94

17. NO. OF ACRES ASSIGNED
TO THIS WELL

317.56

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

None

19. PROPOSED DEPTH

4875' Morrison

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5674' G.L., 5685' K.B.

22. APPROX. DATE WORK WILL START*

September 10, 1979

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8 3/4"	7" new	K-55 20#	500'	250 sacks
6 1/4"	4 1/2" new	K-55 10.5#	4875'	225 sacks

1. Surface formation is the Mesaverde.
2. Anticipated geologic markers are: Frontier-3845, Dakota-4235, Morrison-4405.
3. Gas is anticipated in the Dakota and Morrison. No water, oil, or other minerals are anticipated.
4. Proposed casing program: See item No. 23 above.
5. Pressure control equipment: See attached well control plan and schematic of drilling contractors BOP stack. BOP's will be tested before drilling out from under surface casing and will be checked daily.
6. Air or mist drilling will be used to drill the surface hole unless water is encountered. If water is encountered approximately 300 bbls. of gel type mud will be used. The well will be air drilled from under surface casing to T.D.
7. Auxiliary Equipment: See well control plan.
8. The logging program will consist of an IES log from TD to the base of surface casing, and GR-FDC-SNP or CNL logs from TD to above the Frontier. No cores or DST's are planned.
(Continued on next page.)

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

James G. Routson
James G. Routson

TITLE

Petroleum Engineer

DATE

May 29, 1979

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

(Orig. Sgd.) R. A. Hennicks

TITLE

ACTING DISTRICT ENGINEER

DATE

AUG 08 1979

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED
TO OPERATIONS COPY

NOTICE OF APPROVAL

State Oil & Gas

NECESSARY FLA AND OR GAS DURING DRILLING AND
COMPLETION APPROVED BY STATE TO ROYALTY (NTL-4)

APPLICATION FOR PERMIT TO DRILL (Con't)

9. No abnormal pressures or temperatures anticipated. No poisonous gas anticipated.
10. Anticipated spud date is September 10, 1979, depending on rig availability. Completion operations should commence within 30 days of rig release.
11. Survey plats enclosed.
12. The gas is dedicated to Southwest Gas Corporation.
13. The spacing unit is the North half of Section 7, containing 317.56 acres.
14. Stipulation from Palmer Oil & Gas Company enclosed.
15. Designation of agent from Burton Hancock will be forwarded. This well is located within the Winter Camp Unit boundary.



PALMER OIL & GAS COMPANY

P.O. Box 2564
BILLINGS, MONTANA 59103
(406) 248-3151

May 29, 1979

U. S. Geological Survey
8440 Federal Building
Salt Lake City, Utah 84138

Gentlemen:

Enclosed please find Applications to Drill covering our
No. 6-7 Federal and 7-4 Federal wells in Grand County, Utah.

Very truly yours,

PALMER OIL & GAS COMPANY

Jean A. Kampen
Drilling Department

✓ cc: State of Utah
Department of Natural Resources
Division of Oil, Gas, and Mining
1588 West North Temple
Salt Lake City, Utah 84116

RECEIVED
MAY 31 1979
DIVISION OF DEPARTMENT OF THE INTERIOR
GAS, & MINING
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL ☒ DEEPEN ☐ PLUG BACK ☐b. TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Palmer Oil & Gas Company - Energy Increments, Inc.

3. ADDRESS OF OPERATOR

P. O. Box 2564, Billings, Montana 59103

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
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At proposed prod. zone

Same

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24.

SIGNED

James G. Routson

TITLE

Petroleum Engineer

DATE

May 29, 1979

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

TWELVE POINT PLAN OF DEVELOPMENT
FOR SURFACE USE FOR PALMER OIL FEDERAL #7-4
SW $\frac{1}{4}$ NW $\frac{1}{4}$ Section 7-T17S-R25E
Grand County, Utah

1. Existing roads

- A. Proposed wellsite: Survey plat enclosed.
- B. Location is approximately 16 miles North of Highway 6 & 50 on the East Canyon Road and San Arroyo Canyon Road.
- C. Access roads: See Location Map #1.
- D. Not applicable, well is not exploratory.
- E. Existing roads within 1 mile of wellsite: See Location Map #1.
- F. No improvements of existing roads are planned.

2. Planned access roads

- A. The location is adjacent to the San Arroyo Canyon Road, so no additional access road is required.

3. Location of existing wells (See Map No. 2)

- 1. There are no existing water wells within a 1 mile radius.
- 2. See Map #2 for location of abandoned wells.
- 3. No temporary abandoned wells are located within a 1 mile radius.
- 4. No disposal wells in the area.
- 5. No drilling wells in the area.
- 6. Producing wells shown on Map No. 2.
- 7. Shut in wells shown on Map No. 2.
- 8. No injection wells in the area.
- 9. No monitoring or observation wells in the area.

4. Location of existing and proposed production facilities

- A.
 - 1. No tank batteries within a 1 mile radius.
 - 2. No production facilities within a 1 mile radius.
 - 3. No oil gathering lines in the area.
 - 4. No pipelines in the area.
 - 5. No injection lines in the area.
 - 6. No disposal lines in the area.
- B.
 - 1. The gathering system has not yet been designed.
 - 2. A separator, approximately 5' x 10', and a meter run, approximately 6' x 8', will be on the drillsite pad, and will be painted to blend with the desert environment.
 - 3. No construction materials are necessary. All lines will be coated, wrapped, and buried.
 - 4. A 10' x 10' water disposal pit will be dug within 50' of the separator and will be enclosed by a wire fence. A 6' x 6' x 3 $\frac{1}{2}$ ' metal guard will be placed around the wellhead.
- C. Plans for restoration of the surface.
On completion of the drilling of this well, all pits will be backfilled and top soil replaced and re-contoured back to the original terrain. Upon abandonment all disturbed area, including the location and access road, will be re-contoured, ripped or scarified as needed, and re-vegetated using a seed formula as specified by the BLM. All seeding will be done between September 15 and November 15.

5. Location and type of water supply

- A. Very little water is needed to drill this well because it will be air drilled. Water will be hauled from a water hole in the Westwater drainage. If this is dry, it will be hauled from West Salt Creek drain ditch near Mack, Colorado.
- B. Water will be transported by truck. The truck will use the access road.
- C. No water well is to be drilled.

6. Source of construction materials

- A. No construction materials are to be used.

TWELVE POINT PLAN OF DEVELOPMENT (Con't)

7. Methods for handling waste disposal

1. Cuttings will be buried 3' under top soil.
2. Drilling fluids (if any) will be left in open pit to evaporate. Pit will be fenced on 4 sides during drilling and completion operations.
3. Produced oil or condensate (if any) will be stored in a tank and sold. Produced water will be disposed of in compliance with rules and regulations of the USGS and the State of Utah.
4. Portable chemical toilet will be provided.
5. Trash will be burned in burn pit. The burn pit will be fenced with expanded metal. Noncombustible trash will be buried at least 4' deep in the reserve pit.
6. Drilling fluid in pit, which will be very minimal due to air drilling, will be left to dry, if necessary. After pit area is sufficiently dry, cuttings will be pushed into pit and sub-soil to be placed on top of any remaining fluid and cuttings; then top-soil will be used to cover both pit and location area. The area will be policed for all trash when the well is completed and the location will be left as much like the natural environment as possible.

8. Anciliary facilities

No camps or airstrips proposed.

9. Wellsite layout

1. See Plat No. 2 showing location pad. All necessary cuts and fills are shown on this plat, and two cross sections are shown on the bottom of the plat.
2. Location of pits, etc.: See plan of drillsite layout diagram, Plat #2-A.
3. Rig orientation: See plan of drillsite layout diagram, Plat #2-A.
4. Pits will be unlined.

10. Plans for restoration of surface

1. Backfilling, leveling, etc.: See 7-1 and 4-C.
2. Rehabilitation, etc.: See 4-C.
3. Fencing of pits: Pit will be fenced on all sides during drilling and completion operations.
4. Oil on pits: Occurance is improbable. If it does occur, the pits will be flagged to prevent an influx of wild fowl. Any oil which does occur will be trucked off for disposal.
5. Rehabilitation timetable: See 4-C. Contouring will be done as soon as the pits are dry. Barring any unforeseen problems, rehabilitation should be completed within 90 days of completing the well.

11. Other information

1. Topography: Immediate wellsite is in San Arroyo Canyon. Book Cliffs surround the location.
Soil: Eroded Mesaverde and Blow Sand.
Vegetation: Sparse grassland with greasewood, sagebrush, junipers, and Pinion Pine. Land is used for grazing.
Fauna: Occasional use by deer, antelope, rabbits, lizards, hawks, and miscellaneous small birds.
Geologic features: Nothing significant in immediate area.
2. A. Surface Ownership: Public lands administered by the BLM.
B. Surface Activities: Rabbit and bird hunting, sheep and cattle grazing.
3. No water or dwellings are on the lease. An archaeologic study will be done by Powers Elevation Company of Eagle, Colorado.

12. Lessee's or operator's representative

J. G. Routson
P. O. Box 2564
Billings, Montana 59103

Office Phone (406) 248-3151
Home Phone (406) 245-8797
Mobile Phone (303) 245-3660 Unit #327

R. D. Ballantyne
P. O. Box 2564
Billings, Montana 59103

Office Phone (406) 248-3151
Home Phone (406) 656-1304
Mobile Phone (303) 245-3660 Unit #327

William H. Buniger
P.O. Box 42
Loma, Colorado 81524

Home Phone (303) 858-7377
Mobile Phone (303) 245-3660 Unit #289

TWELVE POINT PLAN OF DEVELOPMENT (Cont)

13. I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Palmer Oil & Gas Company and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

Date: May 29

J. G. Routson
J. G. Routson
Petroleum Engineer

United States Department of the Interior
Geological Survey
8440 Federal Building
Salt Lake City, Utah 84138

Usual Environmental Analysis

Lease No. U-38033Operator Palmer Oil & Gas Co.Well No. 7-4→ Location 1350' FNL 815' FEL Sec. 7 T. 17S R. 25ECounty Grand State Utah Field San ArroyoStatus: Surface Ownership Public Minerals FederalJoint Field Inspection Date June 28, 1979

Participants and Organizations:

Bob KershawBureau of Land ManagementJohn EvansU. S. Geological SurveyBill BunigerOperator's Representative

Related Environmental Analyses and References:

(1) Book Mountain Unit Resource Analysis, Bureau of Land Management, Utah

(2)

Analysis Prepared by: John T. Evans, Environmental Scientist
Grand JunctionDate August 1, 1979NOTED JOHN T. EVANS, JR.Aug 7-79

loc moved
25' N of 15.8
200' x 250'
Flow line not lined
Stockpiles 2 piles
Arch. 2 ac
Proc. 2 ac

Proposed Action:

On May 31, 1979, Palmer Oil & Gas Company filed an Application for Permit to Drill the No. 7-4 development well, a 4875' gas test of the Morrison and Dakota Formations; located at an elevation of 5674' in the SW/4 NW/4, Sec. 7, T17S, R25E on Federal mineral lands and public surface; Lease No. U-38033. There was no objection raised to the wellsite nor to the access road. The well location was moved 25' north and 15' east at the request of operator.

A rotary rig would be used for the drilling. An adequate casing and cementing program is proposed. Freshwater sands and other mineral-bearing formations would be protected. A Blowout Preventor would be used during the drilling of the well. The proposed pressure rating should be adequate. Details of the operator's NTL-6 10-Point Subsurface Plan is on file in the U.S.G.S. District Office in Salt Lake City, Utah, and the U.S.G.S. Northern Rocky Mountain Area Office in Casper, Wyoming. The 13-Point Surface Protection Plan is on file in the District Office in Salt Lake City, Utah.

A working agreement has been reached with the Bureau of Land Management, the controlling surface agency. Rehabilitation plans would be decided upon as the well neared completion; the Surface Management Agency would be consulted for technical expertise on those arrangements.

The operator proposes to construct a drill pad 200' wide x 250' long and a reserve pit 100' x 25'. No new access road is needed. The operator proposes to construct production facilities on disturbed area of the proposed drill pad. If production is established, plans for a gas flow line would be submitted to the appropriate agencies for approval. The anticipated starting date is August 1979 and duration of drilling activities would be about 30 days.

Location and Natural Setting:

The proposed drillsite is approximately 30 miles NW of Mack, Colorado, the nearest town. A fair road runs to the location. This well is in the San Arroyo field.

Topography:

The proposed location is in the San Arroyo Canyon. The edges of location are bounded by steep canyon walls with numerous cliffs and ledges formed in sandstone and conglomerates. The canyon is narrow.

Geology:

The surface geology is Mesa Verde. The soil is sandy clays and gravels derived from weathered Mesa Verde Formation. No geologic hazards are known near the drill site. Seismic risk for the area is minor. Anticipated geologic tops are filed with the 10-Point Subsurface Protection Plan.

Approval of the proposed action would be conditioned that adequate and sufficient electric/radioactive/density logging surveys would be made to locate and identify any potential mineral resources. Production casing and cementing would be adjusted to assure no influence of the hydrocarbon zones through the well bore on these minerals. In the event the well is abandoned, cement plugs would be placed with drilling fluid in the hole to assure protection of any mineral resources.

The potential for loss of circulation would exist and is possible in the sandstone units of the Mesa Verde. Loss of circulation may result in the lowering of the mud levels, which might permit exposed upper formations to blow out or to cause formation to slough and stick to drill pipe. A loss of circulation would result in contamination due to the introduction of drilling muds, mud chemicals, filler materials, and water deep into the permeable zone, fissures, fractures, and caverns within the formation in which fluid loss is occurring. The use of special drilling techniques, drilling muds, and lost circulation materials may be effective in controlling lost circulation.

A geologic review of the proposed action has been furnished by the Area Geologist, U. S. Geological Survey, Salt Lake City, Utah.

The operator's drilling, cementing, casing and blowout prevention programs have been reviewed by the Geological Survey engineers and determined to be adequate.

Soils:

No detailed soil survey has been made of the project area. The topsoils in the area range from a sandy clay to a clay type soil. The soil is subject to runoff from rainfall and has a high runoff potential and sediment production would be high. The soils are mildly to moderately alkaline and support the salt-desert shrub community. The pinyon-juniper association is also present.

Topsoil would be removed from the surface and stockpiled. The soil would be spread over the surface of disturbed areas when abandoned to aid in rehabilitation of the surface. Rehabilitation is necessary to prevent erosion and encroachment of undesired species on the disturbed areas. The operator proposes to rehabilitate the location and access roads per the recommendations of the Bureau of Land Management.

Approximately two acres of land would be stripped of vegetation. This would increase the erosional potential. Proper construction practice, construction of water bars, reseeding of slope-cut area would minimize this impact.

Air:

No specific data on air quality is available at the proposed location. There would be a minor increase in air pollution due to emissions from rig and support traffic engines. Particulate matter would increase due

to dust from travel over unpaved dirt roads. The potential for increased air pollution due to leaks, spills, and fire would be possible.

Relatively heavy traffic would be anticipated during the drilling-operations phase, increasing dust levels and exhaust pollutants in the area. If the well was to be completed for production, traffic would be reduced substantially to a maintenance schedule with a corresponding decrease of dust levels and exhaust pollutants to minor levels. If the project results in a dry hole, all operations and impact from vehicular traffic would cease after abandonment. Due to the limited number of service vehicles and limited time span of their operation, the air quality would not be substantially reduced.

Toxic or noxious gases would not be anticipated. Operator would control dust from blooie line by misting or by other acceptable methods.

Precipitation:

Annual rainfall should range from about 12 to 15" at the proposed location. The majority of the numerous drainages in the surrounding area are of a non-perennial nature flowing only during early spring runoff and during extremely heavy rainstorms.

Winds are medium and gusty, occurring predominantly from west to east and varying locally with topography. The climate is semiarid with abundant sunshine, hot summers and cold winters with temperature variations on a daily and seasonal basis.

Surface Water Hydrology:

The proposed location is in the San Arroyo Canyon drainage. Portions of the arroyo will be rerouted around drill pad. Riprap would be installed along the rerouted portions of drainage banks. A small side drainage will be blocked during drilling activity. Reserve pit fluids would be hauled off to facilitate rehabilitation.

Some additional erosion would be expected in the area since surface vegetation would be removed. If erosion became serious, drainage systems such as water bars and dikes would be installed to minimize the problem. The proposed project should have minor impact on the surface water systems. The potentials for pollution would be present from leaks or spills. The operator is required to report and clean up all spills or leaks.

Groundwater Hydrology:

Some minor pollution of groundwater systems would occur with the introduction of drilling fluids (filtrate) into the aquifer. This is normal and unavoidable during rotary drilling operations. The potential for communication, contamination, and commingling of formations via the well bore would be possible. The drilling program is designed to prevent this. There is need for more data on hydrologic systems in

the area and the drilling of this well may provide some basic information as all shows of fresh water would be reported. Water production with the gas would require disposal of produced water per the requirements of NTL-2B. The depths of freshwater formations are listed in the 10-Point Subsurface Protection Plan. The pits would be unlined. If fresh water should be available from the well, the owner or surface agency may request completion as a water well if given approval.

Vegetation:

Plants in the area are of the salt-desert shrub types grading to the pinyon-juniper association.

Proposed action would remove about two acres of vegetation. Removal of vegetation would increase the erosional potential and there would be a minor decrease in the amount of vegetation available for grazing.

The operator proposes to rehabilitate the surface upon completion of operations.

Wildlife:

Animal and plant inventory has been made by the BLM. No endangered plants or animals are known to inhabit the project area. The fauna of the area consists predominantly of mule deer, coyotes, rabbits, foxes, and varieties of small ground squirrels and other types of rodents and various types of reptiles. The area is used by man for the primary purpose of grazing domestic livestock and sheep. The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

Social-Economic Effect:

An on the ground surface archaeological reconnaissance would be required prior to approval of the proposed action. Appropriate clearances would then be obtained from the surface managing agency. If a historic artifact, an archaeological feature or site is discovered during construction operations, activity would cease until the extent, the scientific importance, and the method of mitigating the adverse effects could be determined by a qualified cultural resource specialist.

There are no occupied dwellings or other facilities of this nature in the general area. Minor distractions from aesthetics would occur over the lifetime of the project and are judged to be minor. All permanent facilities placed on the location would be painted a color to blend in with the natural environment. Present use of the area is grazing, recreation, and oil and gas activities.

Noise from the drilling operation may temporarily disturb wildlife and people in the area. Noise levels would be moderately high during drilling and completion operations. Upon completion, noise levels

would be infrequent and significantly less. If the area is abandoned, noise levels should return to pre-drilling levels.

The site is not visible from any major roads.

The overall effect of oil and gas drilling and production activity is significant in Grand County but it is difficult to assess the environmental impact of a single well on state and/or national levels. However, if said well was to produce in sufficient quantity, additional development wells might be anticipated. This additional development, in turn, would lead to greater environmental and socioeconomic consequences.

Should the wellsite be abandoned, surface rehabilitation would be done according to the surface agency's requirements and to USGS's satisfaction. This would involve leveling, contouring, reseeding, etc., of the location and possibly the access road. If the well should produce hydrocarbons, measures would be undertaken to protect wildlife and domestic stock from the production equipment.

There are no national, state, or local parks, forests, wildlife refuges or ranges, grasslands, monuments, trails or other formally designated recreational facilities near the proposed location.

The proposed location is within the Book Mountain Planning Unit. This Environmental Assessment Record was compiled by the Bureau of Land Management, the surface managing agency of the Federal surface in the area. The study includes additional information on the environmental impact of oil and gas operations in this area and gives land use recommendations. The E.A.R. is on file in the agency's State offices and is incorporated herein by reference.

Waste Disposal:

The mud and reserves pits would contain all fluids used during the drilling operations. A trash pit would be utilized for any solid wastes generated at the site and would be buried at the completion of the operations. Sewage would be handled according to State sanitary codes. For further information, see the 13-Point Surface Plan.

Alternatives to the Proposed Action:

1) Not Approving the Proposed Permit--The Oil and Gas Lease grants the lessee exclusive right to drill for, mine, extract, remove and dispose of all oil and gas deposits. Under leasing provisions, the Geological Survey has an obligation to allow mineral development if the environmental consequences are not too severe or irreversible. Upon rehabilitation of the site, the environmental effects of this action would be substantially mitigated, if not totally annulled. Permanent damage to the surface and subsurface would be prevented as much as possible under U.S.G.S. and other controlling agencies' supervision with rehabilitation planning reversing almost all effects. Additionally, the growing scarcity of oil and gas should be taken into consideration.

2) Minor relocation of the wellsite and access road would not significantly reduce the environmental impact. There are no severe vegetative, animal or archaeological-historical-cultural conflicts at the site. Since only a minor impact on the environment would be expected, the alternative of moving the location is rejected. At abandonment, normal rehabilitation of the area such as contouring, reseeding, etc., would be undertaken with an eventual return to the present status as outlined in the 13-Point Surface Plan.

Proposed Stipulations of Approval:

- 1) The drill pad would remain as staked; however, the hole location was moved 15' east and 25' north to fit rig to pad at operator's request.
- 2) Riprap to be installed on diversion banks of San Arroyo.
- 3) Fluids in blooie pit to be transferred to reserve pit or hauled to a disposal site to facilitate rehabilitation of pits. A temporary diversion of side drainage may be required to prevent washout of blooie pit.

Adverse Environmental Effects Which Cannot Be Avoided:

Surface disturbance and removal of vegetation from approximately two acres of land surface for the lifetime of the project which would result in increased and accelerated erosional potential. Grazing would be eliminated in the disturbed areas and there would be a minor and temporary disturbance of wildlife and livestock. Minor induced air pollution due to exhaust emissions from rig engines of support traffic engines would occur. Minor increase in dust pollution would occur due to vehicular traffic associated with the operation. If the well is a gas producer, additional surface disturbance would be required to install production pipelines. The potential for fires, leaks, spills of gas, oil or water would exist. During the construction and drilling phases of the project, noise levels would increase. Potential for subsurface damage to freshwater aquifers and other geologic formations exists. Minor distractions from aesthetics during the lifetime of the project would exist. If the well is a producer, an irreplacable and irretrievable commitment of resources would be made. Erosion from the site would eventually be carried as sediment in the Colorado River. The potential for pollution to the San Arroyo drainage would exist through leaks and spills.

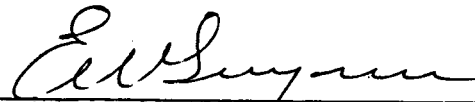
If well is a producer, other development wells would be anticipated with substantially greater environmental and economic impacts.

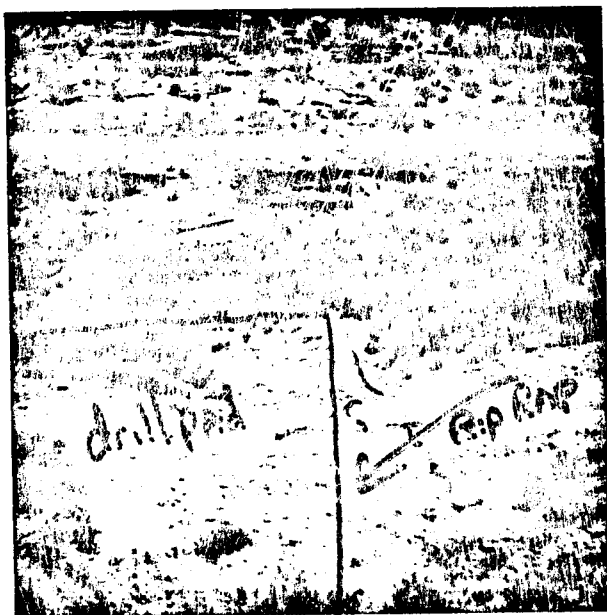
Determination:

This requested action does not constitute a major Federal action significantly affecting the environment in the sense of NEPA, Sec. 102(2)(C).

Date

8/8/79


District Engineer
U. S. Geological Survey
Conservation Division
Oil and Gas Operations
Salt Lake City District



Nw edge Loc
Rip Rap upon edge N →



Looking Northward -
fill into drainage



NAME: : DISTRICT GEOLOGIST, ME, SALT LAKE CITY, UTAH

: DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U 38033

PRODUCER: Palmer oil & Gas

WELL NO. Fed. #7-4

LOCATION: 1/4 SW 1/4 NW 1/4 sec. 7, T. 17S, R. 2SE, SLM

Grand County, Utah

Stratigraphy: Surface - Basal Part of Mesaverde Group.

Frontier	3845	+ 1840
Dakota	4235	+ 1360
Morrison	4405	+ 1280
T.D.	4875	+ 810

Fresh Water: Fresh/usable water may be encountered in the sands of the Mancos to depths of 1500'±.

Leasable Minerals: None

Additional Logs Needed: None

Potential Geologic Hazards: None Known

References and Remarks: USGS files

USGS map I736

2 miles NW of Barx KGS. Within Winter Camp Unit.

Signature: A. Paul Matheny

Date: 6 - 22 - 79

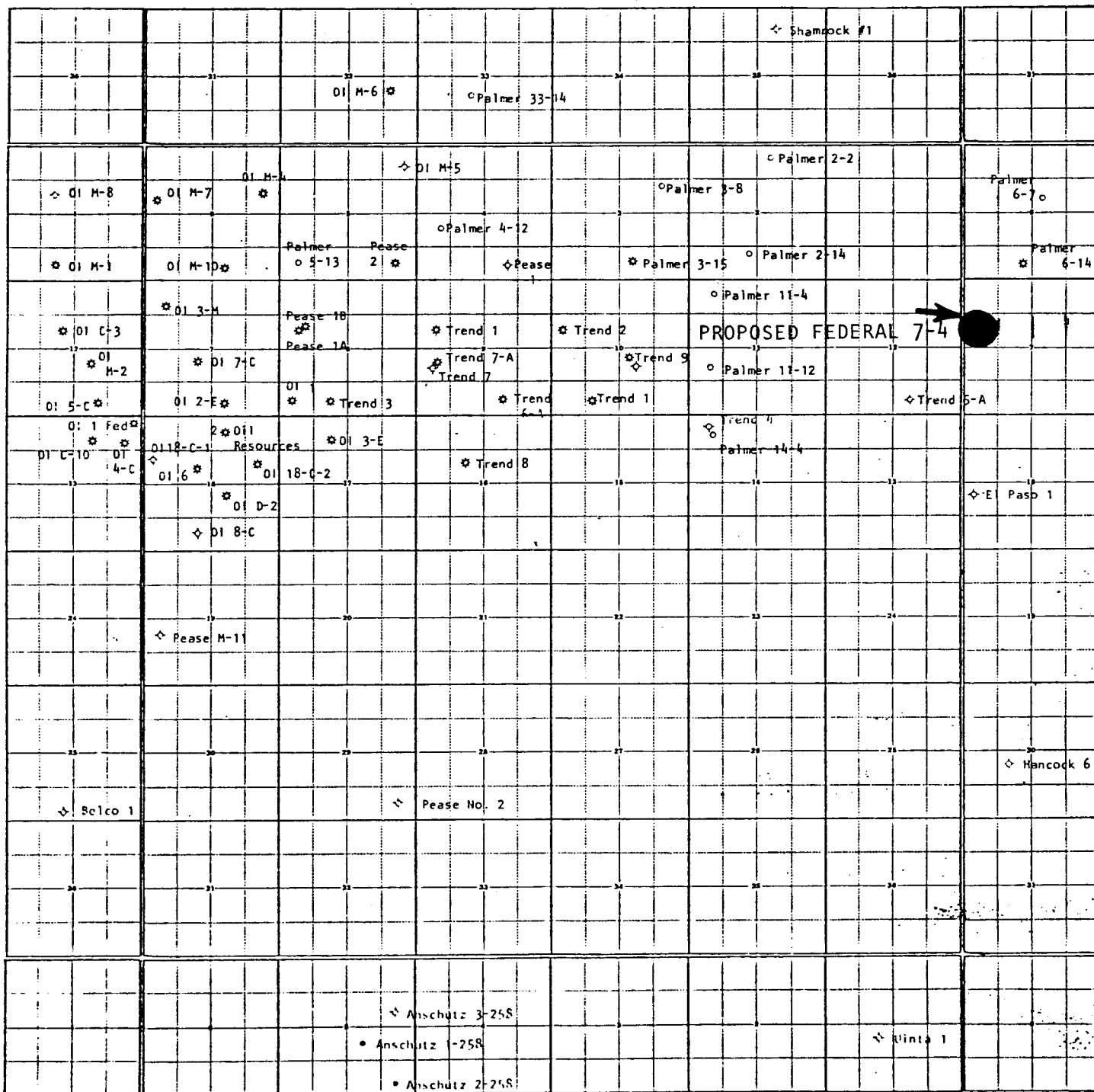
Location Map #1

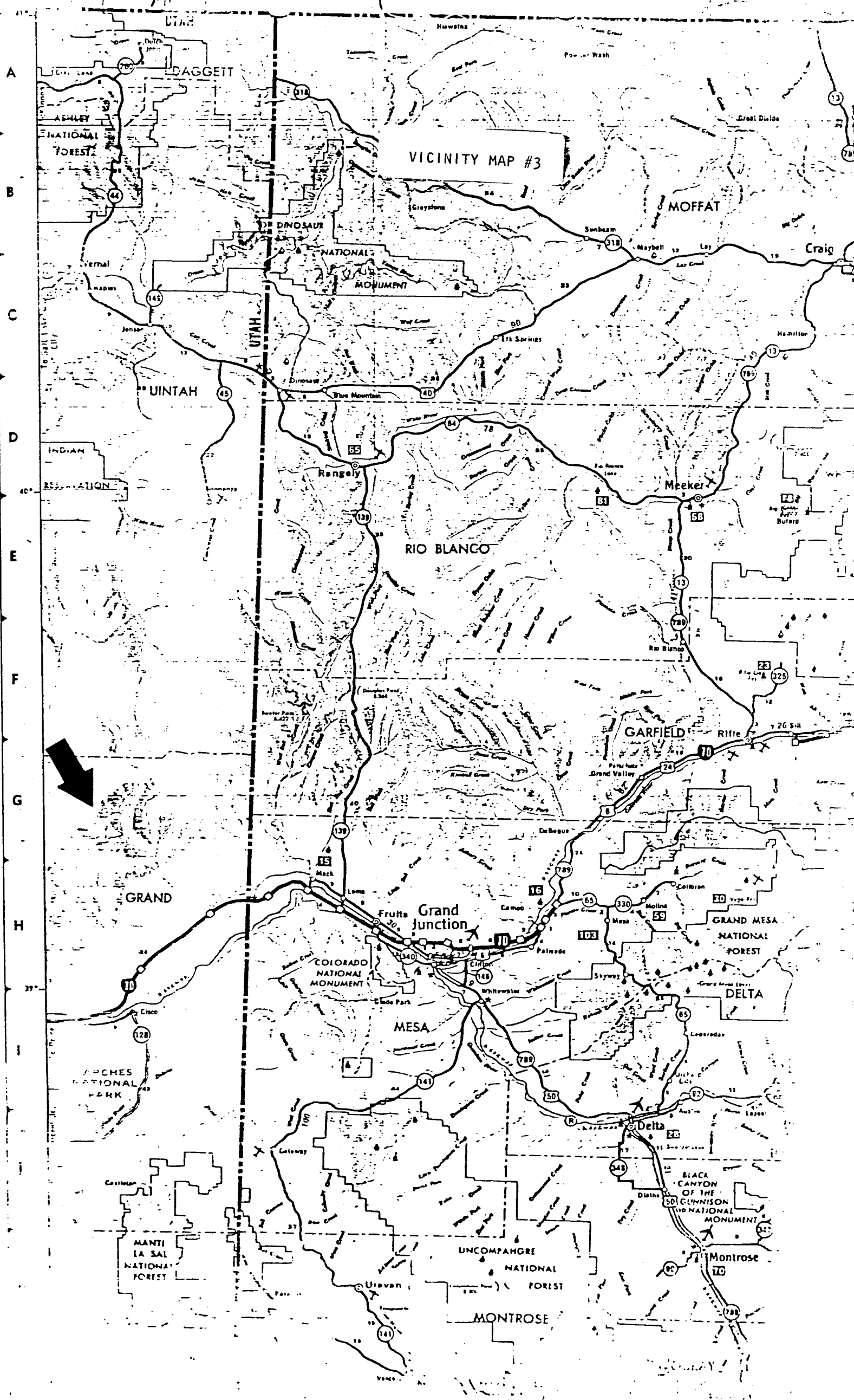


WELL MAP NO. 2

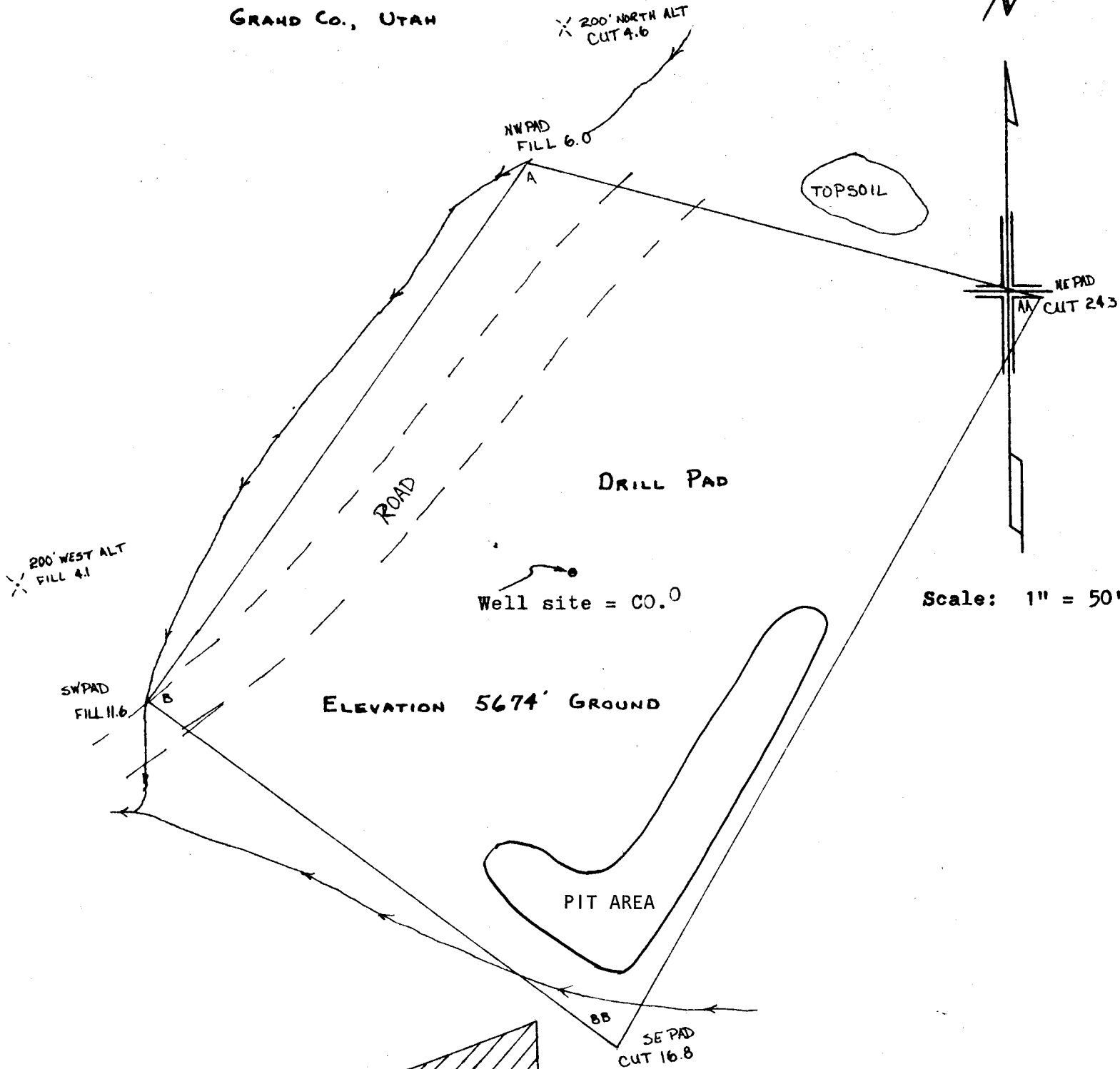
Note: OI = Oil Inc.

Township 17 South, Range 24 East, County Grand, State Utah

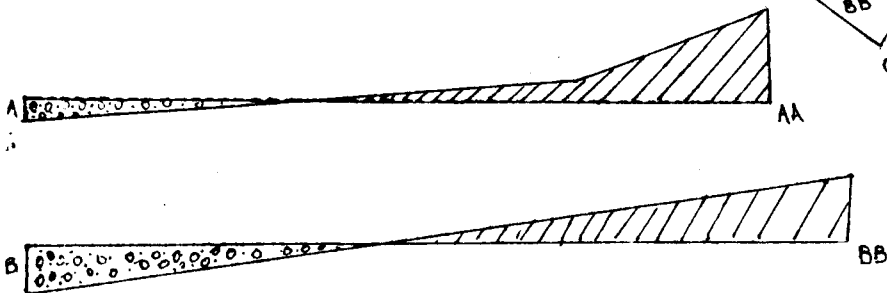




PALMER OIL & GAS CO.
 # 7-4 FEDERAL
 1375' FN & 800' FW SEC. 7 T17S R25E
 GRAND CO., UTAH



Scale: 1" = 50'

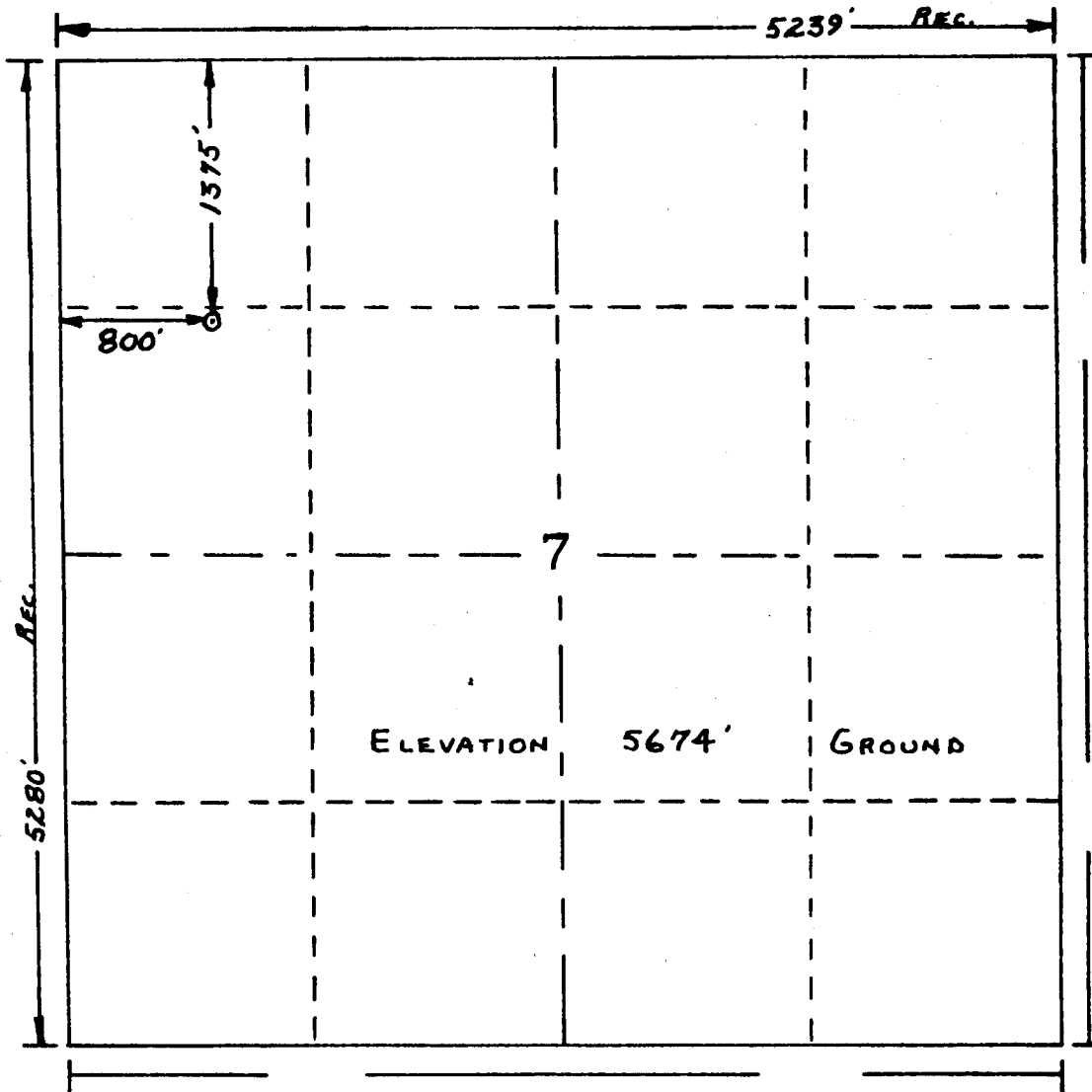


CROSS SECTIONS

by: *Richard A. Schuby*
 Powers Elevation Company, Inc.
 5-22-79



PLAT NO. 1
R. 25 E.



T.
17
S.

Scale... 1" = 1000'

Powers Elevation Company, Inc. of Denver, Colorado
has in accordance with a request from Bob BALLANTYNE
for PALMER OIL AND GAS COMPANY
determined the location of #7-4 FEDERAL
to be 1375' FN & 800' FW Section 7 Township 17 S.
Range 25 E. OF THE SALT LAKE Meridian
GRAND County, UTAH

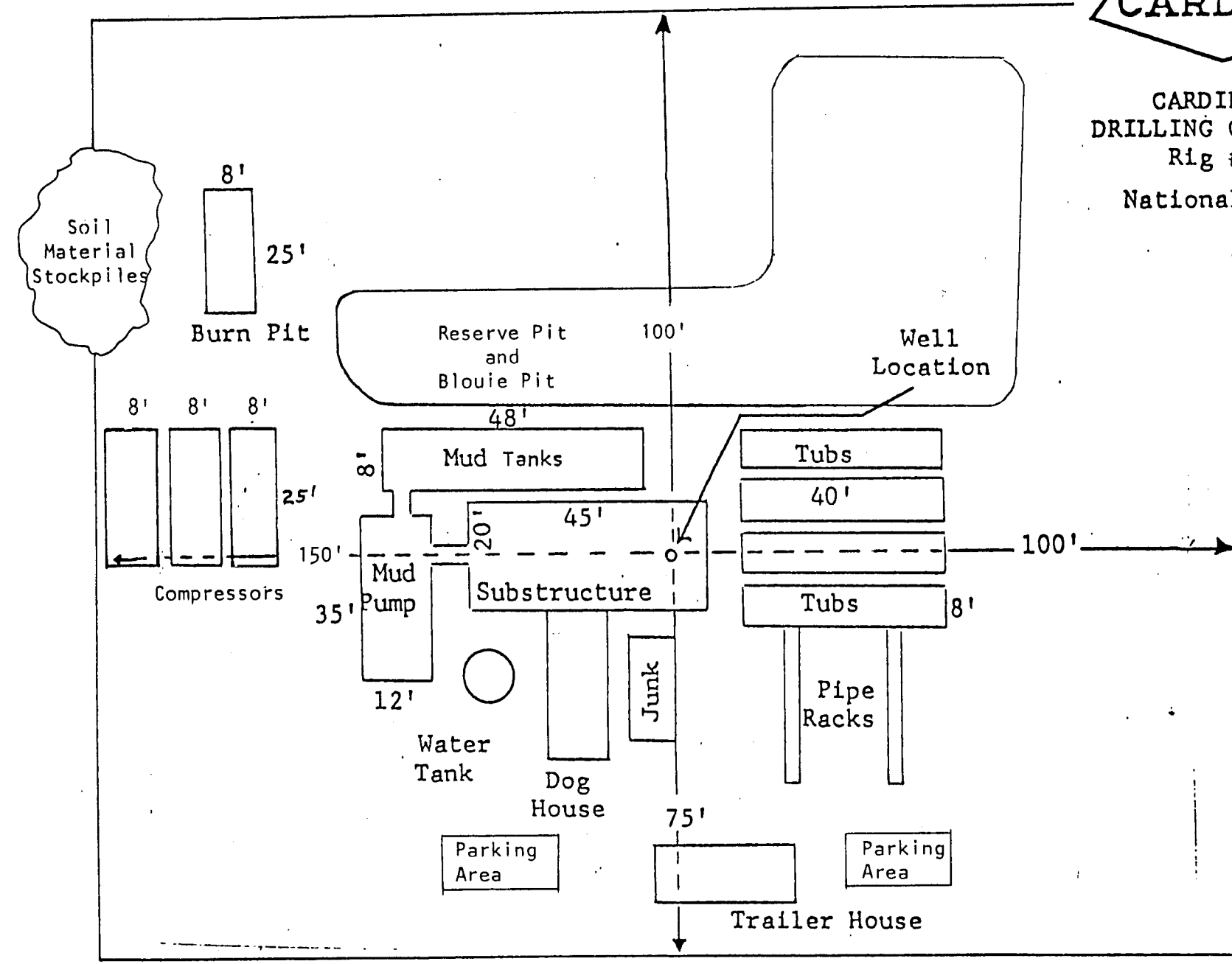
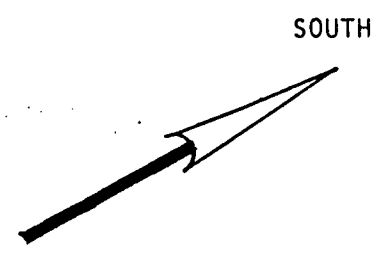
I hereby certify that this plat is an
accurate representation of a correct
survey showing the location of
#7-4 FEDERAL

Date: 5-22-79

J. Nelson
Licensed Land Surveyor No. 2711
State of UTAH



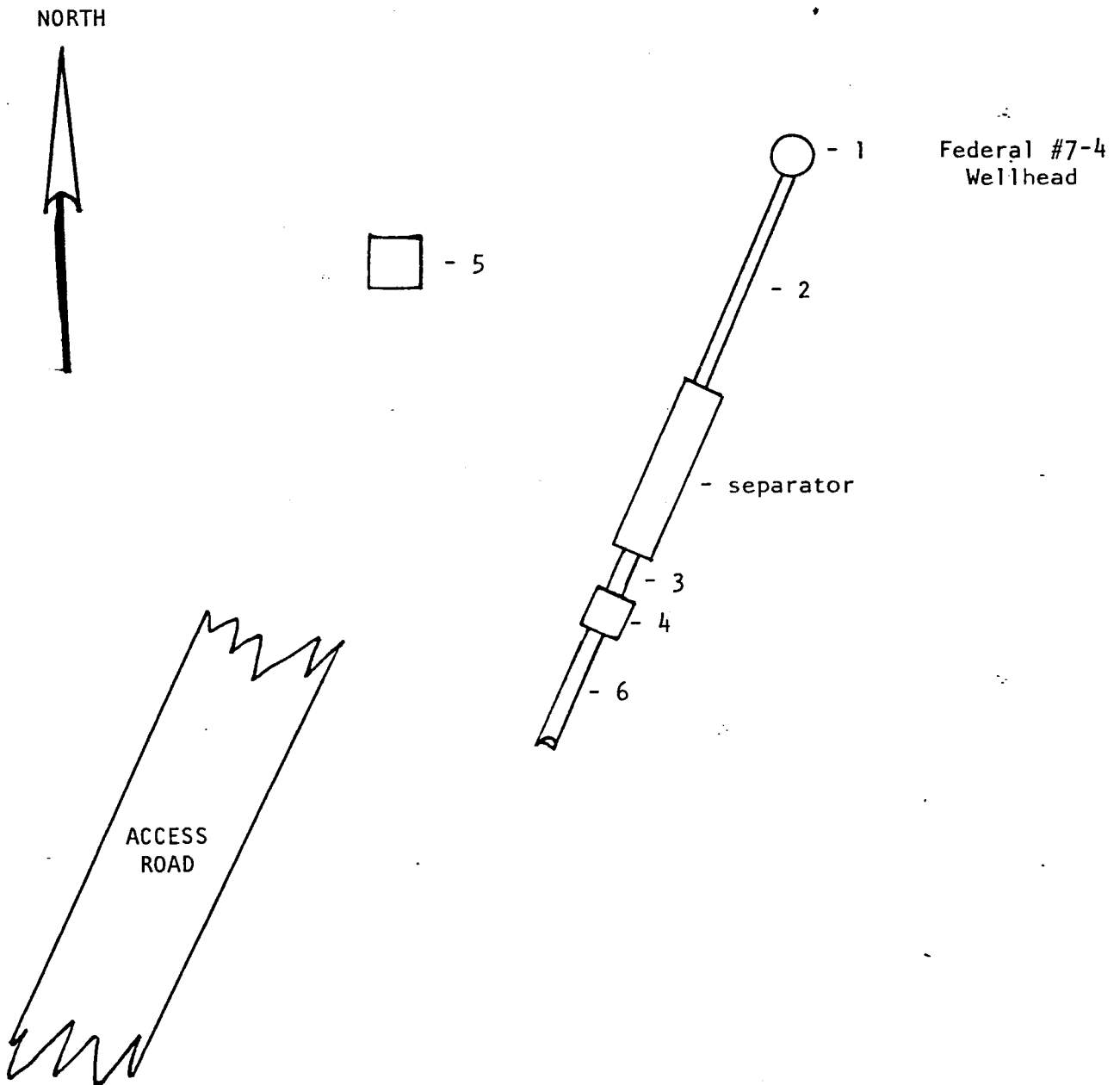
CARDINAL
DRILLING COMPANY
Rig #4
National T-32



PLAN OF DRILLSITE LAYOUT

PLAT NO. 2-A

PLAT #3



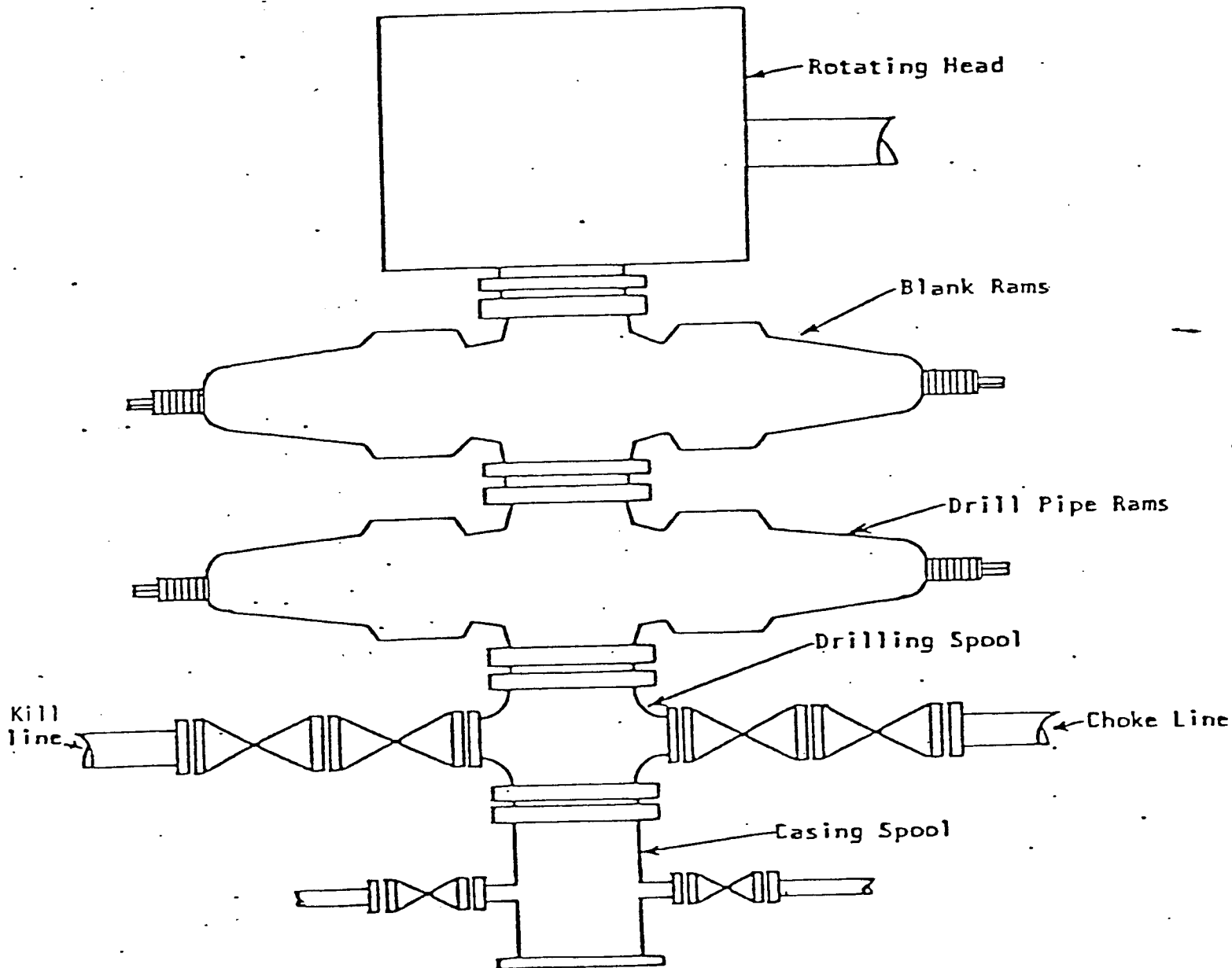
1. Wellhead will be 4-1/2" x 2-3/8" flange x screw with donut hanger full opening valve. All 2000# WP or greater to meet PO&GC specifications.
2. Line between wellhead and separator will be approx. 75 feet in length and constructed of 2-3/8" .218 wall seamless, welded, wrapped and buried approx. 5 feet deep.
3. Line between separator and meter will be 4" or 4.028 OD seamless, welded, coated, wrapped and buried and will be approx. 25 feet in length.
4. Meter run will be American 4" run, 500 psi static rating, 100" of water differential rating.
5. Pit, if necessary will be 10' x 10', enclosed by dikes and fenced.
6. Gathering system has not yet been designed.

SCHEMATIC OF BOP STACK

AIR DRILLED WELLS
using

900 series well head equipment

Interval from 500 to TD

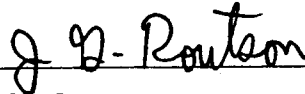


WELL CONTROL PLAN

Federal No. 7-4

1. Surface Casing: 7" O.D. 20#/ft., Grade K-55, Short T&C, set at 500' or deeper, cemented with pump and plug method back to the surface or bottom of cellar.
2. Casinghead Flange: 7" swaged to 9-5/8" x 10-3/4" top 1500 psig W.P. Larkin (or equivalent) casinghead with two 2" 1500 psi L.P. outlets.
3. Intermediate Casing: None required.
4. Blowout Preventor: A 10" 3000 psig W.P. Double gate hydraulic Shaffer BOP (or equivalent) with drill; pipe rams and blind rams. All fill, kill and choke lines will be minimum of 2" 2000 psi W.P.
5. Auxiliary equipment: (a) Kelly cock will be run at top of Kelly at all times, (b) Float at bit will be run at all times, (c) No monitoring equipment for mud due to air drilling. Visual monitoring of air returns will be maintained, (d) Stabbing valve will be on rig floor at all times.
6. Anticipated bottom hole pressure is less than 1200 psi at 4875' or a gradient of .25 psi/ft. or less. No abnormal temperatures or hydrogen sulfide gas are anticipated.

PALMER OIL & GAS COMPANY



J. G. Routson
Petroleum Engineer

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING

** FILE NOTATIONS **

Date: May 31, 1979

Operator: Palmer Oil & Gas Co ~~Energy~~ ~~Inc.~~

Well No: Federal 7-4

Location: Sec. 7 T. 17S R. 25E County: Grand

File Prepared: ☒

Entered on N.I.D.: ☒

Card Indexed: ☒

Completion Sheet: ☒

API Number: 43-019-30517

CHECKED BY:

Administrative Assistant: _____

Remarks:

Petroleum Engineer: M. J. Minder 6-4-79

Remarks:

Director: 7

Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required: ☐

Survey Plat Required: ☐

Order No. 165-4 May 23, 1979

Surface Casing Change ☐
to _____

Rule C-3(c), Topographic exception/company owns or controls acreage
within a 660' radius of proposed site ☐

O.K. Rule C-3 ☐

O.K. In _____ Unit

Other:

☒ Letter Written/Approved

#3 +



SCOTT M. MATHESON
Governor

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

CLEON B. FEIGHT
Director

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

June 5, 1979

OIL, GAS, AND MINING BOARD

CHARLES R. HENDERSON
Chairman

JOHN L. BELL
C. RAY JUVELIN
THADIS W. BOX
CONSTANCE K. LUNDBERG
EDWARD T. BECK
E. STEELE MCINTYRE

PALMER OIL & GAS COMPANY ENERGY INCREMENTS INC
P O BOX 2564
BILLINGS MT 59103

Re: Well No. Federal 7-4, Sec. 7, T. 17S, R. 25E, Grand County, UT
Well No. Federal 6-7, Sec. 6, T. 17S, R. 25E, Grand County, UT

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to wells is hereby granted in accordance with the Order issued in Cause No. 165-4 dated May 23, 1979.

In as much as Cause No. 165-4 established 320-acre spacing in either a north/south or east/west direction, wells should be located on a diagonal ($NE\frac{1}{4}$ - $SW\frac{1}{4}$ or $NW\frac{1}{4}$ - $SE\frac{1}{4}$).

Should you determine that it will be necessary to plug and abandon these wells, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Geological Engineer
HOME: 876-3001
OFFICE: 533-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API numbers assigned to the above wells are:

Federal 7-4: 43-019-30517
Federal 6-7: 43-019-30516

DIVISION OF OIL, GAS, AND MINING

ORIGINAL SIGNED BY C. B. FEIGHT

Cleon B. Feight, Director

/lw

cc: U. S. Geological Survey

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ gas ☒ other ☐
2. NAME OF OPERATOR
Palmer Oil & Gas Company
3. ADDRESS OF OPERATOR
P. O. Box 2564, Billings, Montana 59103
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.) 1375' FNL, 800' FWL
AT SURFACE:
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

- REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:
- | | | |
|----------------------|--------------------------|--------------------------|
| TEST WATER SHUT-OFF | <input type="checkbox"/> | <input type="checkbox"/> |
| FRACTURE TREAT | <input type="checkbox"/> | <input type="checkbox"/> |
| SHOOT OR ACIDIZE | <input type="checkbox"/> | <input type="checkbox"/> |
| REPAIR WELL | <input type="checkbox"/> | <input type="checkbox"/> |
| PULL OR ALTER CASING | <input type="checkbox"/> | <input type="checkbox"/> |
| MULTIPLE COMPLETE | <input type="checkbox"/> | <input type="checkbox"/> |
| CHANGE ZONES | <input type="checkbox"/> | <input type="checkbox"/> |
| ABANDON* | <input type="checkbox"/> | <input type="checkbox"/> |
- (other) Change of Operator

5. LEASE
USA-U-38033
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Federal
9. WELL NO.
#7-4
10. FIELD OR WILDCAT NAME
San Arroyo
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 7-17S-R25E
12. COUNTY OR PARISH 13. STATE
Grand Utah
14. API NO.
43-019-30517
15. ELEVATIONS (SHOW DF, KDB, AND WD)
5674 GL, 5685' KB

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator changed from Palmer Oil & Gas Company-Energy Increments, Inc. to Palmer Oil & Gas Company.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Robert D. Ballantyne TITLE Drilling Superintendent DATE August 8, 1979
Robert D. Ballantyne

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: Palmer Oil and Gas Company

WELL NAME: Federal #7-4

SECTION 7 SW NW TOWNSHIP 17S RANGE 25E COUNTY Grand

DRILLING CONTRACTOR _____

RIG # _____

SPUDDED: DATE September 4, 1979

TIME 5:30 p.m.

How rotary

DRILLING WILL COMMENCE presently

REPORTED BY Grace

TELEPHONE # _____

DATE September 12, 1979

SIGNED M. G. Minder

cc: USGS

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☒ other

2. NAME OF OPERATOR

Palmer Oil & Gas Company

3. ADDRESS OF OPERATOR

P. O. Box 2564, Billings, Montana 59103

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 1375' FNL, 800' FWL

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐

SUBSEQUENT REPORT OF:

☐
☐
☐
☐
☐
☐
☐
☐
☐
☐

(other) _____ Status Report _____

5. LEASE
USA U-38033

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal

9. WELL NO.
#7-4

10. FIELD OR WILDCAT NAME
San Arroyo

11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA
SW1/4 Sec. 7-17S-R25E

12. COUNTY OR PARISH
Grand

13. STATE
Utah

14. API NO.
43-019-30517

15. ELEVATIONS (SHOW DF, KDB AND WD)
5674' GL, 5685' KB

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details; and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Well was spudded at 5:30 PM on 9/4/79.

Ran 1 joint 9-5/8" to 45'.

Ran 17 joints 7" to 527' KB and cemented with 150 sx regular 2 % CaCl₂ 1/4# Celloflake per sack.

Ran 118 joints 4 1/2" 10.5# casing to 4847' KB and cemented with 225 sacks RFC, with 100 bbls 4% KCl and 1000 gallons mud flush ahead of cement. Plug down at 9:30 AM on 9/11/79.

Subsurface Safety Valve: Manu. and Type _____

Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Grace E. Brown TITLE Assistant Secretary DATE September 11, 1979

Grace E. Brown

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See instructions on
reverse side)Form approved.
Budget Bureau No. 42-R3500.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. USA U-38033	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Palmer Oil & Gas Company		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 2564, Billings, Montana 59103		8. FARM OR LEASE NAME Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1375' FNL, 800' FWL At top prod. interval reported below 1350' 815' same At total depth same		9. WELL NO. #7-4	
14. PERMIT NO. 43-019-30517		10. FIELD AND POOL, OR WILDCAT San Arroyo	
DATE ISSUED 6/5/79		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA SW1/4 Sec. 7-17S-25E	
15. DATE SPUNDED 9/4/79		12. COUNTY OR PARISH Grand	
16. DATE T.D. REACHED 9/10/79		13. STATE Utah	
17. DATE COMPL. (Ready to prod.) 9/22/79		18. ELEVATIONS (DF, REB, BT, GR, ETC.) 5674' GL, 5685' KB	
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 4874'	
21. PLUG, BACK T.D., MD & TVD 4838'		22. IF MULTIPLE COMPL., HOW MANY? commingled	
23. INTERVALS DRILLED BY 0-TD		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4214-4316 - Dakota 4572-4580 - Morrison	
25. WAS DIRECTIONAL SURVEY MADE no		26. TYPE ELECTRIC AND OTHER LOGS RUN Schlumberger FDC-GR, DIL-GR, SNP-GR, Tape	
27. WAS WELL CORED		28. CASING RECORD (Report all strings set in well)	
29. LINER RECORD		30. TUBING RECORD	
31. PERFORATION RECORD (Interval, size and number) 4214, 4220, 4225, 4258, 4260, 4300, 4304, 4314, 4316, 4572, 4574, and 4580 - 12 holes (re-perforated 4573-4579 - 7 holes)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED 4214-4580 1200 gal. 7.5% MSR; foam fraced with 20,000# 100 mesh, 80,000# 20/40 sand and 2,140,000 scf nitrogen, 4,000 scf/hbl.	
33.* PRODUCTION		34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) to be sold	
DATE FIRST PRODUCTION shut in		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	
WELL STATUS (Producing or shut-in) shut in		TEST WITNESSED BY R. D. Ballantyne	
DATE OF TEST 9/22/79		HOURS TESTED 1 hr	
CHOKE SIZE 1 1/2"		PROD'N. FOR TEST PERIOD 56	
FLOW. TUBING PRESS. 23 psi		CASING PRESSURE 300 psi	
CALCULATED 24-HOUR RATE 1346		OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR.)	
35. LIST OF ATTACHMENTS		36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records	
SIGNED Grace E. Brown		TITLE Assistant Secretary	
DATE 10/5/79			

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 38, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 38. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

38.

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
				Dakota Silt	4119'		
				Dakota Sand	4200'		
				Morrison	4323'		
				Salt Wash	4754'		

FILE IN QUADRUPLICATE
FORM OGC-8-X

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number: Federal #7-4

Operator: Palmer Oil & Gas Company Address: P. O. Box 2564, Billings, Mt.

Contractor: Cardinal Drilling Company Address: P. O. Box 1077, Billings, Mt.

Location SW 1/4 NW 1/4; Sec. 7 T. 17^{xxx} N. R. 25 E; Grand County
S xxx

Water Sands:

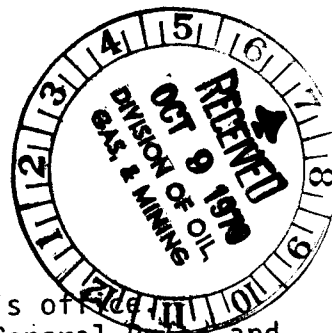
	<u>Depth:</u>	<u>Volume:</u>	<u>Quality:</u>
	<u>From-</u>	<u>To-</u>	<u>Flow Rate or Head</u>
			<u>Fresh or Salty</u>
1.	<u>NO WATER ENCOUNTERED</u>		
2.			
3.			
4.			
5.			

(Continue on Reverse Side if Necessary)

Formation Tops:

Remarks:

- NOTE: (a) Upon diminishing supply of forms, please inform this office.
(b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.
(c) If a water analysis has been made of the above reported zone, please forward a copy along with this form.



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☒ other ☐

2. NAME OF OPERATOR
Tenneco Oil Company

3. ADDRESS OF OPERATOR
720 S. Colorado Blvd., Denver, CO 80222

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1375'FNL & 800'FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) <u>Change of Operator</u>	

5. LEASE
U-33003

6. IF INDIAN ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal

9. WELL NO.
7-4

10. FIELD OR WILDCAT NAME
San Arroyo

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 7, T17S; R25E

12. COUNTY OR PARISH
Grand

13. STATE
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5674'GL

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The above mentioned well was purchased by Tenneco Oil Company effective date September 25, 1979, from Palmer Oil and Gas Company, P.O. Box 2564, Billings, Montana 59103.

Subsurface Safety Valve: Manu. and Type _____

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE Admin. Supervisor

DATE 10/18/79

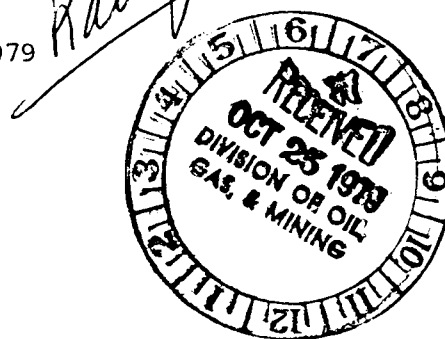
(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

Tenneco Oil
A Tenneco Company

Penthouse
720 South Colorado Blvd
Denver, Colorado 80222
(303) 758-7130

October 23, 1979



Mr. Cleon B. Feight
Utah Division of Oil, Gas & Mining
1588 West, North Temple
Salt Lake City, Utah 84111

RE: Tenneco Well formerly operated
by Palmer Oil and Gas Company
Grand County, Utah

Gentlemen:

The following wells formerly operated by Palmer Oil and Gas Company will now be operated by Tenneco Oil Company. Please note that record title to several of these wells will be held by Energy Increments, Inc., and Pate Oil Company, however, Tenneco Oil Company will continue to operate the wells.

Grand County, Utah

Township 16 South, Range 24 East

Sec. 33: 33-14/ ~~Section 29: Federal 29-15~~

Sec. 35: 35-10/ Section 28: Federal 28-15

Township 16 South, Range 25 East

Section 13: Federal 13-9-SIGW

Section 17: Federal 17-9-SIGW

Section 14: Federal 14-2

Township 16 South, Range 26 East

Section 32: State 32-1-SIGW

State 32-11-SIGW

Section 33: Federal 33-13-SIGW

Section 16: State 16-4

Township 17 South, Range 24 East

-SIGW-Section 3: Federal 3-8/Section 5: Federal 5-13

SIGW-Federal 3-15/Section 14: Federal 14-4

Section 4: Federal 4-12

Township 17 South, Range 25 East

Section 6: Federal 6-7

Federal 6-14-SIGW

Section 7: Federal 7-4-SIGW

Section 29: Federal 29-1

Township 17 South, Range 26 East

Section 5: Federal 5-4-SIGW

Federal 5-9-SIGW

Section 8: Federal 8-5-SIGW

***SIGW=SHUT IN GAS WELL

REMAINING ARE DRILLING WELLS

THE FOLLOWING METERS WILL HAVE CALIBRATION / SETTLEMENT TESTS RUN ON THE DATES INDICATED. STARTING TIME WILL BE 0600 OR AS SPECIFIED BELOW AND AT THE OFFICE OF THE NORTHWEST PIPELINE GRAND JUNCTION DISTRICT YOU WILL BE NOTIFIED SHOULD ANY CHANGES OCCUR IN THIS SCHEDULE. IF YOU HAVE ANY QUESTIONS ABOUT THE SCHEDULE, CONTACT OR WRITE THE DISTRICT OFFICE.

METER CODE	WELL NAME	LOC	RUN	DAY	MO/YR	STARTING TIME
93760010	FULLER USA #13-10	06	02	<u>3</u>	12/85	<u>0930</u>
93761014	FULLER USA #13-12	06	02	<u>3</u>	12/85	<u>1100</u>
92110010	FEDERAL #3-8 17S. 24E. 3	06	07	<u>7</u>	10/85	<u>0830</u>
92111016	FEDERAL #3-15 17S. 24E. 3	06	07	<u>7</u>	10/85	<u>0930</u>
92112012	FEDERAL #35-10 14S. 24E. 35	05	07	<u>7</u>	10/85	<u>1100</u>
92150011	FEDERAL #4-12 17S. 24E. 4	06	07	<u>8</u>	10/85	<u>0900</u>
92155013	WILSON USA #33-15 14S. 24E. 23	06	07	<u>8</u>	10/85	<u>1030</u>
92195014	BROWN USA #35-3 14S. 24E. 35	06	07	<u>8</u>	10/85	<u>1130</u>
92117014	FEDERAL #6-7 17S. 25E. 6	06	07	<u>6</u>	11/85	<u>0930</u>
92118010	FEDERAL #6-14 17S. 25E. 6	06	07	<u>6</u>	11/85	<u>0830</u>
92119017	FEDERAL #7-4 17S. 25E. 7	06	07	<u>4</u>	11/85	<u>1030</u>
92158012	DIETLER STATE #2-14 17S. 24E. 2 ✓	06	07	<u>7</u>	11/85	<u>0830</u>
92160017	STATE #36-14 14S. 24E. 34	06	07	<u>7</u>	11/85	<u>0930</u>
92186016	EDWARDS USA #12-9 17S. 24E. 12	06	07	<u>4</u>	11/85	<u>0930</u>
92188019	CALVINCO USA #31-12 16S. 25E. 31	06	07	<u>5</u>	11/85	<u>0830</u>
92190013	REINAUER #1-14 17S. 24E. 1	06	07	<u>5</u>	11/85	<u>0930</u>
92199010	REINAUER #1-5 17S. 24E. 1	06	07	<u>7</u>	11/85	<u>1030</u>
92231011	WINTER CAMP #7-14 17S. 25E. 7	06	07	<u>4</u>	11/85	<u>0830</u>

Tenneco Oil Company

A Tenneco Company

Western Rocky Mountain Division

P.O. Box 3249
Englewood, Colorado 80155
(303) 740-4800

Delivery Address:
6162 South Willow Drive
Englewood, Colorado

April 25, 1984

RECEIVED

APR 27 1984



DIVISION OF OIL
GAS & MINING

State of Utah
Department of Oil & Gas Conservation
4241 State Office Bldg.
Salt Lake City, UT 84114

Gentlemen:

Attached is a list of wells for which Tenneco Oil Company has been providing you with monthly state reports. Effective March 1, 1984, these wells were purchased by Quinoco Petroleum, Inc., 3801 East Florida Avenue, Suite 300, P. O. Box 10800, Denver, Colorado 80210. Quinoco will now be responsible for all state reporting on these wells beginning with March 1984 business.

Very truly yours,

TENNECO OIL COMPANY

Ursula C. Sulzbach
Ursula C. Sulzbach
Senior Revenue Analyst

UCS/wt
Attachment

TENNECO OIL COMPANY
Utah Wells Sold to Quinoco
Effective March 1, 1984

X. 17S R 24E Sec 4 Federal 4-12
 X T17S R 24E Sec. 14 Hogle USA 14-4
 X T17S R24E Sec 3 Federal 3-8
 X T17S R24E Sec 3 Federal 3-15
 X T16S R24E Sec 35 Federal 35-10
 X T17S R24E Sec 2 Dietler State 2-14
 X T17S R24E Sec 2 Dietler State 2-7
 T16S R25E Sec 31 Calvinco USA 31-12
 X T17S R24E Sec 1 Reinauer 1-5
 X T17S R24E Sec 1 Reinauer 1-14
 X T16S R24E Sec 36 Tenneco State 36-14
 X T16S R24E Sec 36 Tenneco State 36-16
 X T16S R 24E Sec 35 Brown USA 35-3
 X T17S R24E Sec 12 Edward 12-2
 T17S R25E Sec 7 Winter Camp Unit 7-14
 X T17S R24E Sec 11 Hogle 11-12
 T17S R25E Sec 6 Federal 6-7
 T17S R25E Sec 7 Federal 7-4
 X T16S R25E Sec 17 Federal 17-9
 X T16S R25E Sec 14 Federal 14-2
 T16S R26E Sec 16 State 16-4
 X T16S R25E Sec 13 Carlson USA 13-4
 X T17S R24E Sec 5 Federal 5-13
 X T16S R24E Sec 33 Wilson USA 33-15
 T17S R25E Sec 6 Federal 6-14
 T16S R25E Sec 13 Federal 13-9
 X T16S R26E Sec 33 Federal 33-13
 T17S R26E Sec 5 Federal 5-4
 X T16S R26E Sec 32 State 32-1
 X T16S R26E Sec 32 State 32-11
 X T17S R24E Sec 12 Tenneco USA 12-9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. 06650
2. NAME OF OPERATOR Hallwood Petroleum, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 378111 Denver, CO 80237		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface SW NW 1375' FNL & 800' FWL		8. FARM OR LEASE NAME Federal
14. PERMIT NO. 43-019-30517		9. WELL NO. 7-4
15. ELEVATIONS (Show whether OF, RT, OR, etc.)		10. FIELD AND POOL, OR WILDCAT Bryson Canyon
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 7-T17S-R25E
		12. COUNTY OR PARISH Grand
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT ☐(Note: Report results of multiple completion on Well
(Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective 8-1-90 Quinoco Petroleum, Inc. operator #N9477 has changed it's name to Hallwood Petroleum, Inc.

RECEIVED
FEB 22 1991DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Sr. Engineering Tech.

DATE 12-1-90

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
324 South State, Suite 301
Salt Lake City, Utah 84111-2303



IN REPLY REFER TO:

3100

U-38842

U-38838-A

U-38030

U-38033

U-05010

SI-071172

(U-942)

U-41374-CR176

AUG 6 1991

Memorandum

To: Assistant District Manager, Mineral Resources, Moab
From: Chief, Minerals Adjudication Section
Subject: Leases Affected by Corporate Name Change

Your memorandum of July 25, 1991, called to the attention of this office other leases you feel are affected by our ~~July 18, 1991~~ decision recognizing the corporate name change of Quinoco Petroleum, Inc. to Hallwood Petroleum, Inc. Our response is as follows:

The interest Quinoco Petroleum, Inc. held in leases SI-071172, U-05010, and U-38838-A was transferred to Roemer Oil Company effective December 1, 1990.

The interest held by Quinoco in leases U-38030, U-38033, and U-38842 is held by Quinoco Consolidated Partners, L.P., not Quinoco Petroleum, Inc. Please note that a decision recognizing that Quinoco Consolidated Partners, L.P. has changed its name to Hallwood Consolidated Partners, L.P. is currently being processed.

As for communitization agreements CR222 and CR176, our computer records show Ominex as the operator of CR222 and Hallwood as the operator of CR176.

Bureau of Land Management
Utah State Office
P. O. Box 45155
Salt Lake City, Utah 84145-0155

3100
U-10152-A,
et al.
(U-942)

AUG 6 1991

CERTIFIED MAIL--Return Receipt Requested

DECISION

Hallwood Consolidated Partners, L.P. : Oil and Gas Leases
P.O. Box 378111 : U-10152-A, et al.
Denver, CO 80237 :

Corporate Name Change Recognized

Acceptable evidence has been received by this office establishing that Quinoco Consolidated Partners, L.P. has changed its name to Hallwood Consolidated Partners, L.P. Accordingly, the surviving corporation is recognized as holding all interests in Federal oil and gas leases formerly held by Quinoco Consolidated Partners, L.P. A list of affected leases is enclosed. If other leases are affected by this name change, please notify this office immediately.

Bonding for Hallwood Consolidated Partners, L.P. is provided under nationwide bond No. B1729366 (BLM Bond No. MT0735).

/s/ ROBERT LOPEZ
Chief, Minerals
Adjudication Section

Enclosure
List of Affected Leases

cc: All District Offices, Utah
Accounts
MMS, AFS
U-920 (Attn: Teresa Thompson)

WJ EHK

LIST OF AFFECTED LEASES

U-10152-A
U-13371
U-13666
U-17455
U-25189
U-29641

U-30301
U-38030 - ✓
U-38033 - ✓
U-38842 - ✓
U-39254
U-41374
U-62844

Hallwood Energy Companies

4582 South Ulster Street Parkway • Stanford Place III • Suite 1700 • Post Office Box 378111
Denver, Colorado 80237 • (303) 850-7373

March 8, 1991

State of Utah
Division of Gas & Mining
160 East Third Street
Salt Lake City, Utah 84134-0410

REC'D U.S.T.C. 210
MAR - 8 1991

Re: Utah A/C #N9477

Quinoco Petroleum, Inc. has changed its name to Hallwood Petroleum, Inc. Our offices have remained at 4582 South Ulster Street Parkway, Suite 1700, P. O. Box 378111, Denver, Colorado 80237.

I have enclosed documentation for our name change for your convenience. If you require further information please call me at (303)856-6229.

Sincerely,

HALLWOOD PETROLEUM, INC.

Carol Edney

Carol Edney
Staff Accountant
Western District

CE/#9.set

cc: Brenda Tompkins

RECEIVED

MAR 22 1991

DIVISION OF
OIL GAS & MINING



MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• QUINOCO CO.
P O BOX 378111
DENVER CO 80237
ATTN: HOLLY RICHARDSON

Utah Account No. N9477

Report Period (Month/Year) 7 / 91

Amended Report ☐

Well Name			Producing Zone	Days Oper	Production Volume		
API Number	Entity	Location			Oil (BBL)	Gas (MSCF)	Water (BBL)
USA 12-9							
4301930748	06605	17S 24E 12	DKTA✓		U-41374	(CR176 "C.A.")	
WINTER CAMP 7-14							
4301930773	06610	17S 25E 7	DK-MR✓		U-38033		
STATE 16-4							
4301930433	06620	16S 26E 16	DKTA✓		ML-29608		
FEDERAL 7-4							
4301930517	06650	17S 25E 7	MRSN✓		U-38033		
TOTAL							

Comments (attach separate sheet if necessary) _____

I have reviewed this report and certify the information to be accurate and complete. Date _____

Authorized signature _____ Telephone _____

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO.
2. NAME OF OPERATOR Hallwood Petroleum, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 378111 Denver, CO 80237		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface		8. FARM OR LEASE NAME
14. PERMIT NO.		9. WELL NO.
15. ELEVATIONS (Show whether OF, RT, GR, etc.)		10. FIELD AND POOL, OR WILDCAT
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
		12. COUNTY OR PARISH 13. STATE

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective 8/1/90 Quinoco Petroleum, Inc. operator #N9477 changed it's name to Hallwood Petroleum, Inc. The wells effected by this change are:

Well Name	Federal Lease #	Utah #
- Dietler State 2-14 42-019-30571	N/A - Sec. 2, T17S, R24E	06560
- Edwards 12-2 42-019-30702	UTU38030 Sec. 2, T17S, R. 24E	06585
- Federal 6-7 42-019-30516	UTU38842 Sec. 6, T. 17S, R 25E	06540
- Federal 6-14 42-019-30462	UTU38842 Sec. 6, T17S, R25E	06525
- Federal 7-4 42-019-30517	UTU38033 Sec. 7, T. 17S, R 25E	06550
- Hogle USA 14-4 42-019-30507	UTSL071172 Sec. 14, T. 17S, R 24E	06535
- State 16-4 42-019-30433	N/A Sec. 16, T. 16S, R 26E	06620
- Tenneco USA 12-9 42-019-30748	U41374 Sec. 12, T17S, 24E	06605
- Wesbit 2 42-019-15048	UTU17942 Sec. 9, T16S, R 25E	05220
- Wintercamp 7-14 42-019-30773	UTU38033 Sec. 7, T. 17S, R 25E	06610

RECEIVED

AUG 19 1991

DIVISION OF
OIL GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

Debi Sheely

TITLE Sr. Engineering Technician

DATE 8/16/91

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Oil and Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1- LCR	<input checked="" type="checkbox"/>
2- DRS	<input checked="" type="checkbox"/>
3- VLC	<input checked="" type="checkbox"/>
4- RJF	<input checked="" type="checkbox"/>
5- RWM	<input checked="" type="checkbox"/>
6- LCR	<input checked="" type="checkbox"/>

Attach all documentation received by the Division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

☒ Change of Operator (well sold) ☐ Designation of Agent
☒ Designation of Operator ☒ Operator Name Change Only "MERGER"

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 7-18-91)

TO (new operator) HALLWOOD PETROLEUM, INC.
(address) P. O. BOX 378111
DENVER, CO 80237
DEBI SHEELY
phone (303) 850-6322
account no. N 5100 (3-5-91)

FROM (former operator) QUINOCO CO.
(address) P. O. BOX 378111
DENVER, CO 80237
DEBI SHEELY
phone (303) 850-6322
account no. N 9477

Well(s) (attach additional page if needed):

*Also see Hallwood to Northstar
oper. chg. eff 8-1-91*

Name: <u>(SEE ATTACHMENT)</u>	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- See 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form).
- See 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (*same*)
- See 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: #110236.
- See 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- See 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (*9-6-91*)
- See 6. Cardex file has been updated for each well listed above. (*9-6-91*)
- See 7. Well file labels have been updated for each well listed above. (*9-6-91*)
- See 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (*9-6-91*)
- See 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) (no) (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

D VERIFICATION (Fee wells only)

1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) _____. Today's date _____ 19____. If yes, division response was made by letter dated _____ 19____.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
notification sent to Ed Benner for State 2-14 (43-019-30571) and State 16-4 (43-019-30433).
2. Copies of documents have been sent to State Lands for changes involving State leases.
** See Hallwood to Northstar oper. chg. ctt 8-1-91*

INDEXING

1. All attachments to this form have been microfilmed. Date: Sept 16 1991.

INDEXING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

REMARKS

9/6/94 Btm/MOAB Confirmed change of operator "merges" from Quinceo to Hallwood. All wells except for 43-019-30704 / Calvinco 31-12 "CR92 C.A." which is still considered Quinceo.

LONE MOUNTAIN PRODUCTION COMPANY

P.O. BOX 3394
408 PETROLEUM BUILDING
BILLINGS, MONTANA 59103-3394
(406) 245-5077
FAX 248-6321

July 27, 1992

State of Utah
Dept. of Natural Resources
Division of Oil, Gas, & Mining
3 Triad Center, Suite 350
Salt Lake City, Utah 84180

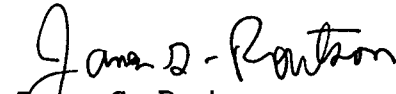
Re: Change of Operator
Sundry Notices
Grand County, Utah

Gentlemen:

Enclosed in triplicate are Sundry Notices for ten wells on which Lone Mountain Production Company is assuming operations effective August 1, 1992. The wells were all previously operated by Hallwood Petroleum. If any further information is needed please advise either me or Joe Dyk in our Grand Junction office.

Very truly yours,

Lone Mountain Production Company


James G. Routson
President

Enclosures

xc: Joe Dyk
Hallwood

RECEIVED

JUL 29 1992

DIVISION OF
OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions
verse side)

Budget Bureau No. 1001-013
Expires August 31, 1985
B. LEASE DESIGNATION AND SERIAL NO.

U-38033

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

No. 7-4

10. FIELD AND POOL, OR WILDCAT

Bryson Canyon

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

SW NW Sec. 7: T17S-R25E

12. COUNTY OR PARISH 13. STATE

Grand

Utah

SUNDRY NOTICES AND REPORTS ON WELLS
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

1. ☐ OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR
Lone Mountain Production Company

3. ADDRESS OF OPERATOR
P. O. Box 3394, 404 Petroleum Building, Billings, MT 59103

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
1375' FNL, 800' FWL, Sec. 7

14. PERMIT NO.
43-019-30517

15. ELEVATIONS (Show whether DF, RT, OR, etc.)
5674 GL

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL

PULL OR ALTER CARING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

(Other) change of operator

X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
(Other)

REPAIRING WELL
ALTERING CARING
ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Lone Mountain Production Company will become operator of the above referenced well effective August 1, 1992. The well was formerly operated by Hallwood Petroleum.

RECEIVED

JUL 29 1992

DIVISION OF
OIL GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED James G. Routson

TITLE President

DATE July 27, 1992

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE
(Other instructions on re-
verse side)

Budget Bureau No. 1004-1
Expires August 31, 1985
5. LEASE DESIGNATION AND SERIAL NO.

UTU 38033
6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. ☐ OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

Hallwood Petroleum, Inc.

3. ADDRESS OF OPERATOR

P.O. Box 378111 Denver, CO 80237

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

7-4

10. FIELD AND POOL, OR WILDCAT

San Arroya

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Section 7 T17S R25E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

43-019-30517

12. COUNTY OR PARISH

Grand

13. STATE

UT

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Change of Operator

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Effective 8/1/92 Hallwood Petroleum, Inc. is turning over all interest and operations of this well to:

Lone Mountain Production Company
P.O. Box 3394
Billings, MT 59103-3394

RECEIVED

JUL 29 1992

DIVISION OF
OIL GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED Dubi Shuley

TITLE Sr. Engineering Technician

DATE 7/27/92

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

*See Instructions on Reverse Side

GREAT WESTERN ONSHORE INC

UTU28275

1-4

P+A

16S

16E

4 NESW

430153019800X1

H W DOUGHERTY COMPANY

UTU03901

2

PGW

17S

RECEIVED

5 SESE

430191570000S1

UTU013696

1-B

GSI

17S

AUG 10 1992

8 SWNW

430191569800S1

1-A

PGW

17S

8 SWNW

430191569700S1

HADDEN-HARRISON JOINT VENTURE

UTU7945

1

PGW

20S

DIVISION OF
OIL GAS & MINING

23E

13 SWSW

430193037800S1

HALLWOOD CONSOLIDATED PART LP

UTU38842*HAL

6-7

PGW

17S

25E

6 SWNE

430193051600S1

6-14

PGW

17S

25E

6 SESW

430193046200S1

UTU38033*HAL

7-14

PGW

17S

25E

7 SESW

430193077300S1

7-4

PGW

17S

25E

7 SWNW

430193051700S1

UTU38030

12-2

PGW

17S

24E

12 NWNE

430193070200S1

HALLWOOD PETROLEUM INC

UTU17942

2

PGW

16S

25E

9 SESW

430191504800S1

* CR176

12-9

PGW

17S

24E

12 NESE

430193074800S1

HANCOCK BURTON W

UTU683

4-11

PGW

17S

25E

4 NESW

430193101200S1

UTU4402

27-9

ABD

17S

25E

27 NESE

430193101400X1

UTU31792

13-13

PGW

17S

25E

13 SESW

430193041200S1

UTU05081

1

P+A

17S

25E

21 NENW

430191548100X1

20-1

GSI

17S

25E

20 NENE

430193102100S1

UTU05079*HAN

11

PGW

17S

25E

4 NWNW

430193101100S1

UTU05003*HAN

35

PGW

17S

25E

17 NWSE

430193022400S1

UTU04984*HAN

8-3

PGW

17S

25E

8 NENW

430193101300S1

UTU04955

20-R

PGW

17S

25E

* Wrote a letter to Lox that
telling them they had
submit form to USA
Successor of PH Operat
8/4/92

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing

1- LCR 7- LCR
2- DTB TD
3- VLC ✓
4- RJF ✓
5- RWM ✓
6- ADA ✓

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 8-1-92)

TO (new operator)	<u>LONE MTN PRODUCTION CO.</u>	FROM (former operator)	<u>HALLWOOD PETROLEUM INC.</u>
(address)	<u>PO BOX 3394</u>	(address)	<u>PO BOX 378111</u>
	<u>BILLINGS, MT 59103</u>		<u>DENVER, CO 80237</u>
	<u>JAMES ROUTSON, PRES.</u>		<u>DEBI SHEELY</u>
	phone (<u>406</u>) <u>245-5077</u>		phone (<u>303</u>) <u>850-6322</u>
	account no. <u>N 7210</u>		account no. <u>N 5100</u>

Well(s) (attach additional page if needed):

Name: <u>WESTBIT 2/WSTC</u>	API: <u>43-019-15048</u>	Entity: <u>5220</u>	Sec <u>9</u> Twp <u>16S</u> Rng <u>25E</u>	Lease Type: <u>U-05010</u>
Name: <u>STATE 16-4/DKTA</u>	API: <u>43-019-30433</u>	Entity: <u>6620</u>	Sec <u>16</u> Twp <u>16S</u> Rng <u>26E</u>	Lease Type: <u>ML-29608</u>
Name: <u>FEDERAL 6-14/DKTA</u>	API: <u>43-019-30462</u>	Entity: <u>6525</u>	Sec <u>6</u> Twp <u>17S</u> Rng <u>25E</u>	Lease Type: <u>U-38842</u>
Name: <u>HOGLE USA 14-4/DK-MR</u>	API: <u>43-019-30507</u>	Entity: <u>6535</u>	Sec <u>14</u> Twp <u>17S</u> Rng <u>24E</u>	Lease Type: <u>SL-07117</u>
Name: <u>FEDERAL 6-7/DKTA & MRSN</u>	API: <u>43-019-30516</u>	Entity: <u>6540</u>	Sec <u>6</u> Twp <u>17S</u> Rng <u>25E</u>	Lease Type: <u>U-38842</u>
Name: <u>FEDERAL 7-4/MRSN</u>	API: <u>43-019-30517</u>	Entity: <u>6650</u>	Sec <u>7</u> Twp <u>17S</u> Rng <u>25E</u>	Lease Type: <u>U-38033</u>
Name: <u>STATE 2-14/CDMTN</u>	API: <u>43-019-30571</u>	Entity: <u>6560</u>	Sec <u>2</u> Twp <u>17S</u> Rng <u>24E</u>	Lease Type: <u>ML-27489</u>

CONTINUED-

OPERATOR CHANGE DOCUMENTATION

- 1 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Rec'd 7-29-92)
- 2 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Rec'd 7-29-92)
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: ____.
- 1 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- 1 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (8-25-92)
- 1 6. Cardex file has been updated for each well listed above. (8-25-92)
- 1 7. Well file labels have been updated for each well listed above. (8-25-92)
- 1 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (8-25-92)
- 1 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- CP 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- A 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- A 2. A copy of this form has been placed in the new and former operators' bond files.
- A 3. The former operator has requested a release of liability from their bond (yes/no) _____. Today's date _____ 19____. If yes, division response was made by letter dated _____ 19____.

EASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- JS 2. Copies of documents have been sent to State Lands for changes involving State leases.
8-27-92 to Ed Bonner

FILMING

- 1 1. All attachments to this form have been microfilmed. Date: _____ 19____.

FILING

- CP 1. Copies of all attachments to this form have been filed in each well file.
- E 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

Btm/moab Approved eff. 8-1-92.